

Patent Abstracts of Japan

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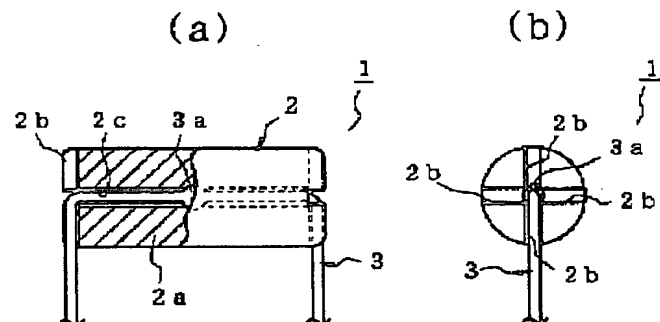
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TITLE : BEAD INDUCTOR



ABSTRACT : PROBLEM TO BE SOLVED: To simplify the manufacturing process of a bead inductor and thereby improve its reliability as a product.

SOLUTION: At both the ends of a ferrite core 2, grooves 2b extend radially. By providing an enlarged diameter portion 3a with a lead 3, the lead 3 is fixed into the core 2 in such a manner that the portion 3a is fitted into a center hole 2c of the core 2 and that both end portions of the lead 3 are bent and engaged with the grooves 2b. As a result, no adhesive is needed for fixing the lead 3 into the core 2, so that an adhesion step and a curing step can be dispensed with. Further, the portion 3a of the lead 3 comes in contact with the hole 2c at a predetermined pressure, thereby preventing the core 2 from playing. Furthermore, the lead 3 engages with the grooves 2b of the core 2, thereby restricting the rotation of the core 2.

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